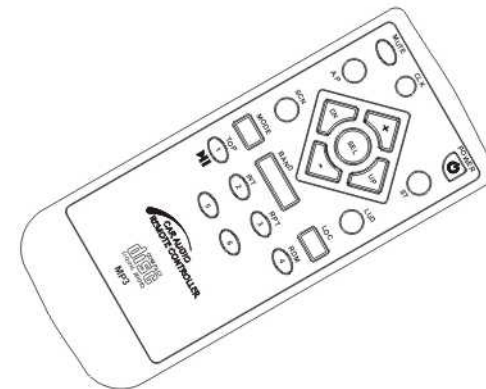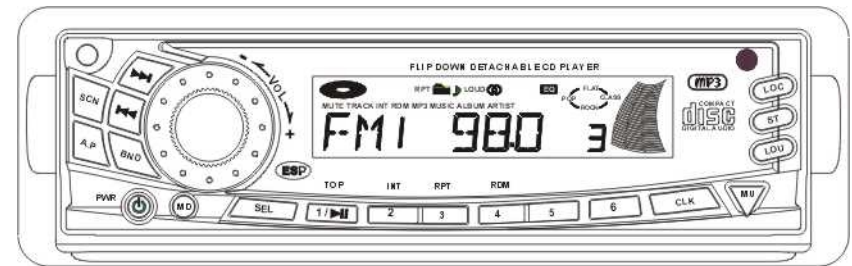# :::METRiK

MCD-795

OWNER'S MANUAL

**ANTI-THEFT FLIP DOWN DETACHABLE SYSTEM
AUTO-LOADING DISC CD/ MP3 PLAYER
ELECTRONIC ANTI-SHOCK / SKIP PROTECTION
AM/FM-STEREO DIGITAL PLL TUNING RECEIVER
INFRARED REMOTE CONTROL**

DEAR CUSTOMER:

Thank you for your purchase of our audio product.
Selecting fine audio equipment such as the unit you have just purchased is only the start
of your musical enjoyment. Now it is time to consider how you can maximize the fun and
excitement your equipment offers.
We hope you get the most out of your equipment by playing it at a safe level.
One that lets the sound come through loud and clear without annoying blare or distortion,
and, more important, without affecting your sensitive hearing.
Sound can be misled. Over time your hearing " comfort level " adapts to higher volumes
of sound. So what sounds " normal " can actually be loud and harmful to your hearing.
Guard against this by setting your equipment at a safe level BEFORE your hearing adapts.

- To establish a safe level:
 Start your volume control at the lowest setting , then slowly increase the sound until you can
 hear it comfortably and clearly, and without distortion we want you listening for a lifetime.

- Once you have established a comfortable sound level:
 Set the dial and leave it there.
 Taking a minute to do this now will help to prevent hearing damage or loss in the
 future. After all, we want you listening for a lifetime.

- ABOUT THIS MANUAL
This product features a number of sophisticated functions ensuring superior reception and
operation. All are designed for the easiest possible use, but many are not self-explanatory.
This operation manual is intended to help you benefit fully from their potential and to
maximize your listening enjoyment.

- We recommend that you familiarize yourself with the functions and their operation by
reading through the manual before you begin using this product. In this operation manual,
the Basic Operation for each sound source is outlined at the beginning of its explanation,
covering simple operation for that source, such as merely playing music.

Remark:

- In addition to normal audio CD, this unit can play CD-R and CD-R/W disc that contain
audio tracks as well; however, depending on the conditions of the recording equipment,
recording program or the CD-R as well as CD-R/W disc itself, some CD-R or CD-R/W
may not play.

- When making music CD with CD-R or CD-R/W disc, too high recording speed may
result in poor signal quality and therefore, it is recommendable to select 24x or lower
speed for CD-R recording and 4x or lower speed for CD-R/W recording.

SPECIFICATION

GENERAL
Supply Voltage   DC 13.8V. Negative Ground
Current Consumption   Max.10A
Power Output   25Watts X 4ch.
Number of channels   2 STEREO channels.
Unit Dimensions   178[W] X 165[D] X 50[H] mm.

FM SECTION
Frequency range   87.5MHz -107.9MHz
Effective sensitivity   3uV.
I.F Frequency   10.7MHz.

AM SECTION
Frequency range   530KHz - 1710KHz
Effective sensitivity   40dB.
I.F Frequency   450KHz

RCA LINE OUT (OPTION)
Output   1200mV @ CD MAX.

CD PLAYER
System   MP3 Audio System.
Suitable CDs   MP3/ CD/CD-R/CD-RW Disc
Frequency characteristics   20Hz-100Hz ⩽ 5dB
                             10KHz-20KHz ⩽ 5dB.
S/N Ratio to CD   50dB [1KHz]

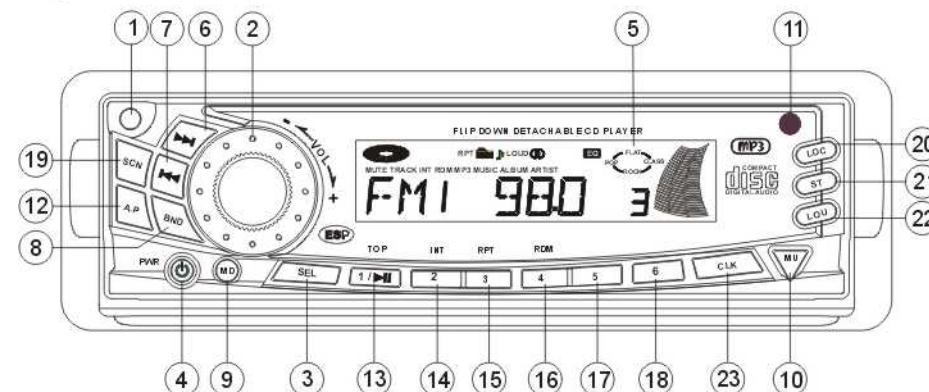## LOCATION AND FUNCTION OF CONTROLS
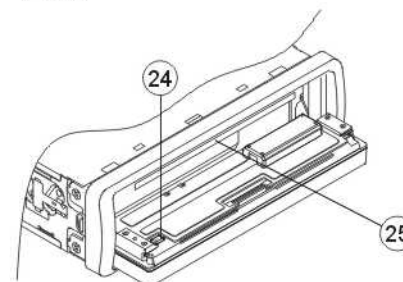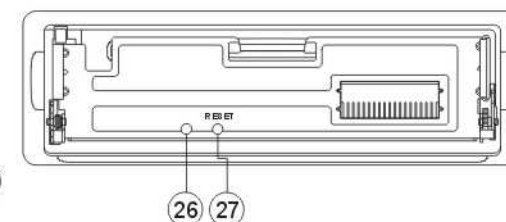

Fig. 1

Fig. 2   Fig. 3

1. OPEN BUTTON

Press the OPEN button to fold down the front control panel.
Then a CD can be inserted into the CD slot or ejected by pressing the EJ button at the rear of the front control panel; After flipping down the front panel, pull panel forward to remove it from the chassis.

2.3. SEL BUTTON (Select) AND VOL KNOB

a) Press the SEL button briefly, it is activated as selecting each mode of E. VOL.
-> VOLUME ->BASS ->TREBLE -> BALANCE ->FADER ->
In each mode, the waiting time is about 5 seconds, and the time waiting time is over, it returns to the last display mode of tuner or CDP mode.
VOLUME CONTROL
1) The volume can be adjusted at any time by rotating the VOL knob as select mode has been initially defaulted at volume mode.
2) The volume can be also obtained by continuously pressing the SEL button until the character VOL appear on the LCD display, then rotate the VOL knob to adjust the volume.

BASS CONTROL
1) Press SEL button to select the bass mode until BAS appears on the display.
2) Rotate the VOL knob to adjust the bass.
TREBLE CONTROL
1) Press SEL button to select the treble mode until TRE appears on the display.
2) Rotate the VOL knob to adjust the treble.
BALANCE CONTROL
1) Press SEL button to select the balance mode until BAL appears on the display.
2) Rotate the VOL knob to adjust the left/right speaker balance.
FADER CONTROL
1) Press SEL button to select the balance mode until FAD appears on the display.
2) Rotate the VOL knob to adjust the front/rear speaker balance.

b) When pressed longer 2 seconds, it is activated as cyclical mode of following
   functions for user's selection.
   -> BEEP (2nd/ALL/OFF) ->SEEK1/ 2 -> DSP(OFF/POP/ROCK/CLASSIC/
      FLAT) ->VOL LAST/VOL ADJ mode.
  After selecting the desired mode, rotate the VOL knob to select one setup item
  of the desired mode.
  BEEP 2ND, BEEP ALL, BEEP OFF MODE
  The situation of beep sound is selected. The 3 mode is selected as also rotating
  the VOL knob.
  - Beep 2nd mode:
   The beep is only generated when an allotted double key is pressed long (1
   second).
  - Beep all mode:
   The beep is generated when every key is pressed.
  - Beep off mode:
   The beep sound is disabled when a key is pressed.
  SEEK 1/SEEK 2 mode:(Only available during radio operation)
  SEEK 1: Press and hold the >>| or |<< button to seek up or down for
          the strong signal stations. And the seek stops when received a strong
          signal station.
  SEEK 2: Press and hold the >>| or |<< button to seek up or down for the strong
          signal stations. But the seek does not stop when received a strong
          signal stations excepting release the >>| or |<< button.
  VOL LAST/VOL ADJ
  VOL LAST: The radio switches on at the actual volume it had when it was last
            switched off.
  VOL ADJ: Rotating the VOL knob you can pre-select a constant switch-on
           volume.

4. POWER ON/OFF
   When the unit is power off, the unit comes to ON by pressing any button on the
   front panel (except the OPEN key or the EJ key). It also can turn on the unit to
   insert a disc into CD slot. When the unit is power on, press and hold the power
   button for more than 0.5 seconds, the unit goes into power off mode.

5. LCD Display

TROUBLE SHOOTING

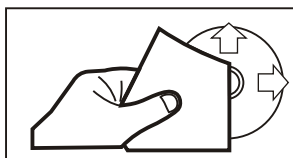Before using the check list please make all the connections first.
If you still have questions after going through the checklist, please consult
your local customer service representative.

Common Symptoms	Cause	Solution
There is no power.	The car ignition is switched off.	If the power supply is properly connected to the car accessory, switch the ignition key to " ON " or " ACC " .
	The fuse has blown.	Replace another fuse according to the wiring diagram.
The CDs cannot be loaded.	Presence of CD disc inside the player	Remove the disc in the player then put a new upward
The CDs are loaded only halfway into the CD tray.	The transport screws have not been removed.	Remove the transport screws before using.
The device does not work correctly (EJECT, LOAD, PLAY)	Inserting the disc in upside down	Insert the compact disc with the label facing upward
	The surface of CD is extremely dirty or it is damaged.	Clean the CD or try another CD, if this works correctly, the first CD is properly damaged.
	Temperature inside the car is too high.	Cool off until the ambient temperature returns to normal
There is no sound.	The volume control is set too low.	Turn up the volume properly.
	The device has not been correctly connected.	Check the power and earth connection according to the wiring diagram.
The operation keys do not work	1.The built-in microcomputer is not operating properly due to noise 2.Front panel is not properly fix into its place	1. Switch the device off and on again. Or press the RESET button to resume the program. 2. Reinstall the front panel
The sound of the CD player skips	The installation angle is more than 30 degrees	Adjust the installation angle to less than 30 degrees
	The surface of the road is uneven.	Wait until the road becomes smoother before playing the CD.
	The surface of CD is extremely dirty or it is damaged.	Clean the CD or try another CD, if this works correctly, the first CD is properly damaged.
No radio reception.	The antenna cable is not connected.	Insert the antenna cable firmly into the antenna socket of the device.
In automatic search mode the radio does not stop at a trans-mitting station.	The transmission signals are too weak.	Tune in to a radio station manually.

PRECAUTION OF DISC PLAY:

Cleaning the CD:
Before playing a CD, wipe it off with a clean, dust-free cleaning cloth.
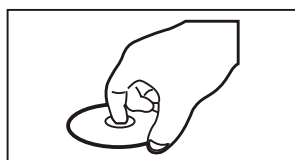Wipe the disc in the direction of the arrow.

Always insert the CD with the label side facing upwards.
If the CD is inserted with the printed side facing downwards, the device may be
damaged.

Note: If there is already a CD in the CD slot, do not try to insert a second CD.
This may damage the device.
Always hold CDs by the edge. In order to keep the CD clean do not touch the surface.
Pull out the CD as shown below.

Do not attach any sticker or adhesive tape on the CD.
Do not expose the CD to direct sunlight or sources of heat such as heating vents.
Do not leave CDs in a car if it is parked in direct sunlight as that will lead to a con-
siderable rise in the temperature inside the car.

Note: Do not use any solvents such as petrol or thinning agents.
Commercially available cleaning substances or antistatic spray. This will damage
the device.

6.7. TUNE, SEEK, TRACK, SKIP UP / DOWN BUTTONS
  a) During RADIO mode:
    Press the >>| or |<< button shortly to manual tune up/down for the
    desired radio station frequency with step by step.
    Press and hold the >>| or |<< button for longer 0.5 seconds, to automatically
    tune up/down for the radio station frequency of strong signal.
  b) During CD/MP3 playback mode:
    Press the >>| button briefly to play next track. Press the |<< button once to
    play the current track from the beginning of the current track.
    Press the |<< button twice continuously to play the previous track.
    When the >>| or |<< button is pressed long (more than 1 seconds) for skip
    forwards or backwards.

8. BAND BUTTON
  Press the BND button briefly to select the radio broadcasting band you would
  like to hear. The MW/FM band is toggled cyclically through the tuning bands
  ->FM 1-> FM 2 -> FM 3 -> MW 1->MW 2 ->.

9. MODE BUTTON
  1) When a CD/MP3 disc is existed inside the CD slot, press the MODE button
     shortly to change between CD/MP3 and RADIO mode each other.
     The LCD display appears radio reception information when you change it
     to radio mode; The LCD display appears CD/MP3 playback information when
     you change it to CD/MP3 playback mode.
  2) When there is no a disc inside the CD slot, the button has not the function of
     mode changing.

10. MUTE BUTTON
  This button serves to switch the MUTED state on/off.
  Press the MUTE button to suppress the loudspeaker temporarily, and press
  again to resume listening. The muted state will be also released when the
  MODE, BAND, SEL button is pressed and VOL knob on the front panel is used.

11. INFRARED REMOTE CONTROL SENSOR

12. A.P BUTTON (Auto-storage /Preset scan)
  During radio mode:
  1) when long pressing for more than 1 seconds, the radio searches from the
     current frequency and checks the signal strength level until 1 cycle search
     is finished. And then 6 strongest stations frequency are preset to the cor-
     responding preset memory numbered bank. The auto-storage operation is
     implemented in the each selected band. When the auto-storage operation
     is finished, the radio execute the Preset Scan
  2) when short pressing, the radio searches for each preset station in the
     current band. When the field strength level is more than the threshold level
     of stop level, the radio is holding at that preset number for 5 seconds with
     releasing mute, and than search again.

During MP3 mode:
Press the A.P button short, it is activated as cyclical selecting song mode as
following: -> TRACK SEARCH -> DIRECTORY SEARCH -> THE FIRST
CHARACTER SEARCH ->
1) In TRACK SEARCH selecting song mode, the MP3 T 000 will be visible on
   the LCD display and the hundreds digit 0 that the MP3 disc contain will flash.
   Rotate the VOL knob to select and enter the number on the flashing digit
   place from 1 to 9.
   Then press the SEL button to confirm the entered number and the 0 on the
   tens digit will be flashing.
   Rotate the VOL knob to select and enter the number on the flashing digit
   from 1 to 9.
   Then press the SEL button to confirm the entered number and the 0 on the
   units place digit will be flashing.
   Rotate the VOL knob to select and enter the number on the flashing digit
   from 1 to 9.
   After finishing enter all the number of the song serial number on the flashing
   digit, press the SEL button to play the corresponding track.
2) In DIRECTORY SEARCH selecting song mode, the root folder will be visible
   on the LCD will display. (If there is not a root folder in the current MP3 disc,
   you will found a root named ROOT.)
   Then rotate the VOL knob to select a desired folder.
   And then press the >>| or |<< button to select a desired track in the folder.
   Finally press the SEL button to play the selected track.
3) In the FIRST CHARACTER SEARCH selecting song mode, the A--......, will
   be visible on the LCD display. (If there are files names its first character are
   A, the......is the first file name its first character is A by the order of A~Z and
   0~9; otherwise, the......is NONE.)
   Rotate the VOL knob to select files that the first character by the order of
   A~Z and 0~9.
   Then press the >>| or |<< button to select one file its first character is the
   selected one. Finally press the SEL button to play the selected file.

13-18. PRESET STATION MEMORY AND TOP/▶Ⅱ , INT, RPT, RDM BUTTONS
a) During radio mode:
   When pressed short, these buttons select a preset station directly.
   If the six buttons are pressed for more than 2 seconds, the station
   currently being listened to is memorized into the selected preset button.
b) During CD/MP3 mode:
   • Press the TOP/▶Ⅱ button briefly to interrupt the playback of the disc.
     Press again to resume normal playback of the CD/MP3.
   • Press the TOP/▶Ⅱ button and hold for approximately 0.5 seconds to play
     the first track of the current disc.
   • Press the INT button to play the first 10 seconds part of each track.
     Press again to stop scan, while the currently selected track will be played.
   • During MP3 mode, press the INT button and hold for more than 0.5 seconds
     to play the first 10 seconds part of each track in current folder.
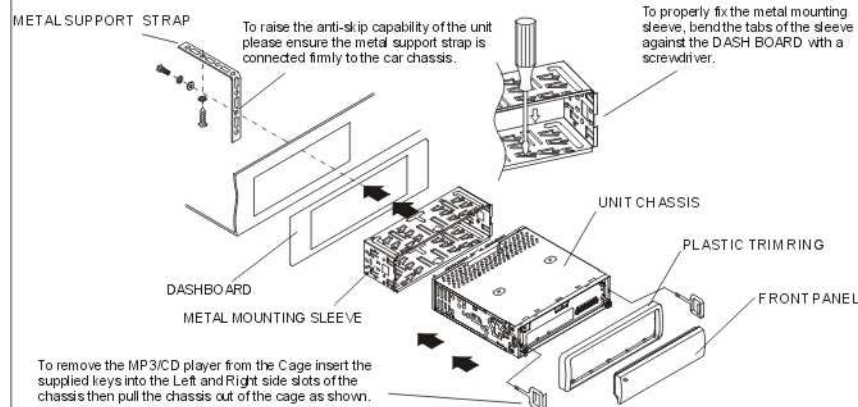   • Press the RPT button to play the current track repeatedly.
     Press again to cancel this function.
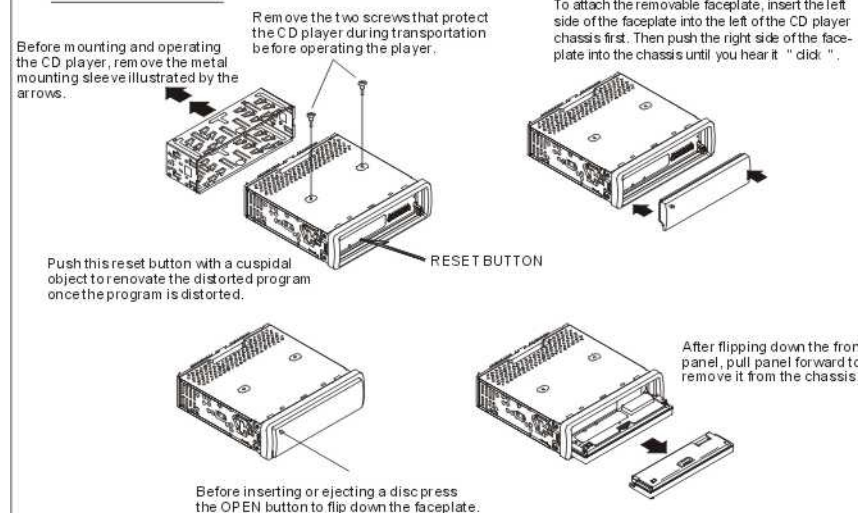
INSTALLATION METHOD

This is an anti-theft installation method.
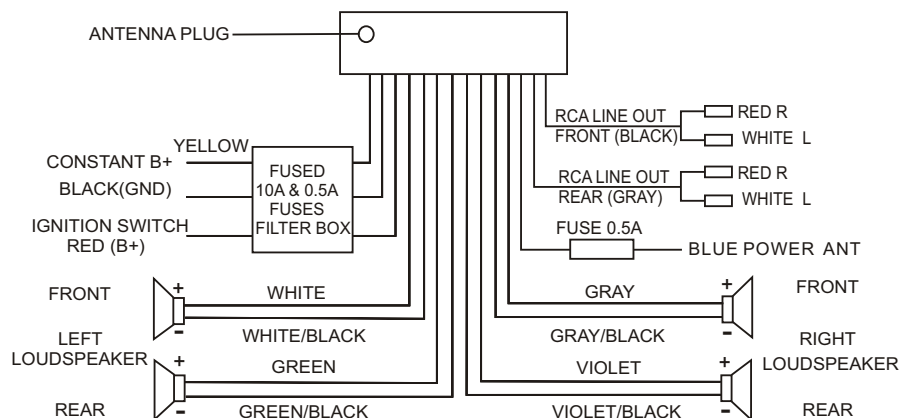The main unit wears a METAL MOUNTING SLEEVE.
Please connect the wiring, eg, the Power Supply, the Speakers and the Antenna
according to the requirements of this Instruction Manual, then install the metal
mounting sleeve into the car as per the diagram illustrated below.

METAL SUPPORT STRAP

To raise the anti-skip capability of the unit
please ensure the metal support strap is
connected firmly to the car chassis.

To properly fix the metal mounting
sleeve, bend the tabs of the sleeve
against the DASH BOARD with a
screwdriver.

UNIT CHASSIS

DASHBOARD
METAL MOUNTING SLEEVE

PLASTIC TRIM RING

FRONT PANEL

To remove the MP3/CD player from the Cage insert the
supplied keys into the Left and Right side slots of the
chassis then pull the chassis out of the cage as shown.

NOTE

Before mounting and operating
the CD player, remove the metal
mounting sleeve illustrated by the
arrows.

Remove the two screws that protect
the CD player during transportation
before operating the player.

To attach the removable faceplate, insert the left
side of the faceplate into the left of the CD player
chassis first. Then push the right side of the face-
plate into the chassis until you hear it "click".

Push this reset button with a cuspidal
object to renovate the distorted program
once the program is distorted.

RESET BUTTON

After flipping down the front
panel, pull panel forward to
remove it from the chassis.

Before inserting or ejecting a disc press
the OPEN button to flip down the faceplate.

WIRING DIAGRAM

ANTENNA PLUG

RCA LINE OUT
FRONT (BLACK)
RED R
WHITE L

RCA LINE OUT
REAR (GRAY)
RED R
WHITE L

YELLOW
CONSTANT B+
BLACK(GND)
IGNITION SWITCH
RED (B+)

FUSED
10A & 0.5A
FUSES
FILTER BOX

FUSE 0.5A
BLUE POWER ANT

FRONT

LEFT
LOUDSPEAKER

REAR

+ WHITE
- WHITE/BLACK
+ GREEN
- GREEN/BLACK

GRAY +
GRAY/BLACK -
VIOLET +
VIOLET/BLACK -

FRONT

RIGHT
LOUDSPEAKER

REAR

Note:
1. Make sure use ONLY speakers with 4 ohm load impedance.
2. Do not allow the auto antenna wire and ground touch each other.

- During MP3 mode, press the RPT button and hold for more than 0.5 seconds to play the current folder repeatedly. Press again to cancel this function.
- Press the RDM button to play all tracks on disc in random order. Press again to cancel this function.
- During MP3 mode, Press the RDM button and hold for more than 0.5 seconds to play the track in random order in the current folder. Press again to cancel this function.

c) During the normal playback of CDs in MP3 format:
- Press the radio preset button 6 and 5 to move up and down 10 tracks at a time.

19. SCAN BUTTON
Press the SCN button to scan the radio frequency. If a valid signal has detected, the current frequency will be hold and blinked for 5 seconds, then press SCN again to stop scan and remain the current frequency; otherwise, the radio will go on to scan the other radio frequency fiver seconds later.

20. LOC BUTTON
Radio station search mode is divided by this LO/DX switch, this button can be used to control an attenuator in the tuner during search. The detecting level of seek, scan, auto-memory will be reduced as much as the attenuated level of the tuner. In radio mode, press the LOC button to change local reception or distance reception. Note: This button is only for FM reception. In AM mode, LOC is void.

21. ST/MO BUTTON
In radio mode, press the ST briefly to select stereo or mono sound mode.

22. LOUDNESS BUTTON
When press shortly, the LOUD mode is turned on, its to enhance the bass sound effect when the volume level is low. Press again to cancel the loudness effect.

23. CLOCK BUTTON
Press the CLK button briefly to display time for 5 seconds on the display, and then returns to its previous display unless the button is pressed again.
Then press the CLK button and hold for more than 1 seconds until the real time flashes on the display. Then you can adjust HOUR or MINUTE by rotating the VOL knob.

24. EJECT KEY
In the power on state, the loaded disc can be ejected by pressing the EJ key.

25. CD SLOT

26. FLASHING LED
When the front control panel is removed this indicator flashes.

27. RESET BUTTON
Before operating the unit for the first time, or after replacing the car battery or changing the connections. You must reset the unit.
Press this button with a cuspidal object. This operation will erase the clock setting and some stored contents.

OPERATION OF REMOTE CONTROL:

Note:
Before use this remote control, please make sure turn on the device by pressing the power button on the front control panel.

1. Power On/Off.

2. Mute Button

3. Loudness Button

4. Level/MENU UP Button   5. SEL/MENU Button

6. Level/MENU Down Button 7. MO/ST Button

8. A.P Button 9.Band Button 10. Mode Button

11.Tune/Seek Up And Track Skip Up/FF Button
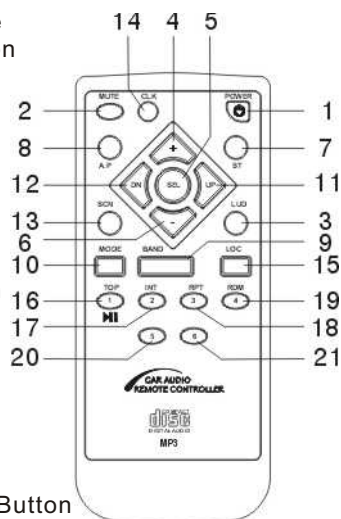
12.Tune/Seek Down And Track Skip Down/REW Button

13. SCAN BUTTON   14. Clock Display /Setting Button   15. LO/DX Button

16. CD Track TOP/▶Ⅱ /Radio Preset 1   17. CD Track INT/Radio Preset 2

18. CD Track RPT/Radio Preset 3   19. CD Track RDM/Radio Preset 4

20. Radio Preset 5   21. Radio Preset 6

MAINTENANCE OF REMOTE CONTROL

Before using the remote control, pull out the insulating patch. This patch was installed to insulate the battery from draining until ready to use.
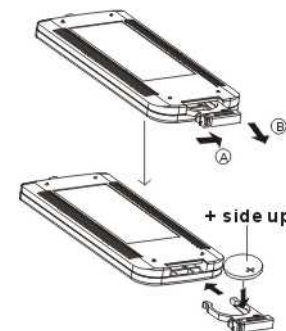
BATTERY INFORMATION:
Lithium Battery: CR2025 3V
Battery Life: Approximately 6 months.

Replacing the Battery from the Remote Control:
1) Remove the battery holder by pressing the locking tab with your thumb and pulling it out.
2) Replace the battery with the same type and the " + " side facing up.
3) Gently push in the holder until securely locked into place.

⚠ WARNING**:**

• Do not recharge, disassemble or dispose of in fire.

• Battery leakage may cause damage to the unit.

• To avoid the risk of accident, keep batteries out of reach of children.